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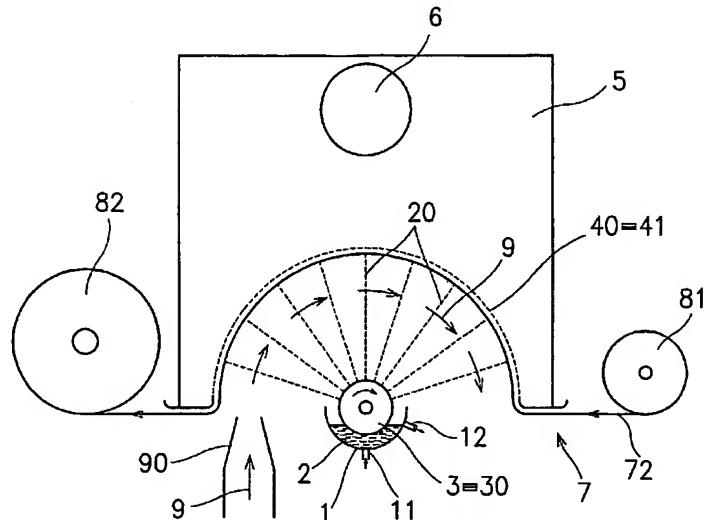
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(54) Title: A METHOD OF NANOFIBRES PRODUCTION FROM A POLYMER SOLUTION USING ELECTROSTATIC SPINNING AND A DEVICE FOR CARRYING OUT THE METHOD



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(57) Abstract: The invention relates to a method of nanofibres production from a polymer solution using electrostatic spinning in an electric field created by a potential difference between a charged electrode and a counter electrode. The polymer solution (2) is for spinning supplied into the electric field using the surface of the rotating charged electrode (30), while on a part of the circumference of the charged electrode (30) near to the counter electrode (40) is a spinning surface created, by which a high spinning capacity is reached. Further the invention relates to a device for carrying out the method, where the charged electrode (30) is pivoted and by its (bottom) part of its circumference it is immersed in the polymer solution (2), while against the free part of the circumference of the charged electrode (30) is positioned the counter electrode (40).



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